

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application: Please cancel claims 1-28.

Listing of Claims:

1-28. (PREVIOUSLY CANCELED)

29. (PREVIOUSLY PRESENTED) A method for providing a metallic medical device with a polyethylenimine (PEI) coating comprising:

cleaning said metallic medical device;

applying an amine-functionalized silane to said cleaned metallic medical device to form a silanized metallic medical device;

forming a hydrogel coating on said silanized metallic medical device to form a hydrogel coated metallic medical device;

grafting PEI to said hydrogel coated metallic medical device to form a PEI coated metallic medical device.

30. (PREVIOUSLY PRESENTED) The method according to claim 29 further comprising:

crosslinking said PEI on said PEI coated medical device to form a crosslinked PEI coating.

31. (PREVIOUSLY PRESENTED) The method according to claim 30 further comprising:

providing said crosslinked PEI coating with nucleophile residues.

32. (PREVIOUSLY PRESENTED) A medical device having a PEI coating according to any one of claims 29, 30, or 31.